Form PTO 948 (Rev. 03/01) U.S. DEPARTMENT OF COMMERCE - Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date)

A. Approved by the Draftsperson under 37 CFR 1.84 or 1.152.

B. Dobjected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be sumitted according to the instructions on the back of this notice.

1	DDAWINGS 27 CED 1 91(a): Associable enterprise of description		
	DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink. Color.	ō	ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)
			Words do not appear on a horizontal, left-to-right fashion
	Color drawings are not acceptable until petiton is granted.		when page is either upright or turned so that the top
		//A-	becomes the right side, except for graphs. Fig(s)
•	Pencil and non black ink not permitted. Fig(s)	1111 9	. SCALE. 37 CFR, 1.84(k)
٠.	PHOTOGRAPHS. 37 CFR 1.84(b)	IID	Scale not large enough to show mechanism without
	1 full-tone set is required. Fig(s) 3	$^{\prime\prime}\nu$	crowding when drawing is reduced in size to two-thirds in
	Photographs may not be mounted. 37 CFR 1.84(e)		reproduction.
	Poor quality (half-tone). Fig(s)		Fig(s)
3.	TYPE OF PAPER. 37 CFR 1.84(e)	10	D. CHARACTER OF LINES, NUMBERS, & LETTERS.
	Paper not flexible, strong, white, and durable.	1 .	37 CFR 1.84(i)
	Fig(s)		Lines, numbers & letters not uniformly thick and well
	Erasures, alterations, overwritings, interlineations,		defined, clean, durable, and black (poor line quality).
	folds, copy machine marks not accepted. Fig(s)		Fig(s)
	Mylar, velum paper is not acceptable (too thin).	1.9	1. SHADING. 37 CFR 1.84(m)
	Fig(s)		Solid black areas pale. Fig(s)
4.	SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:	•	Solid black shading not permitted. Fig(s)
	21.0 cm by 29.7 cm (DIN size A4)		Shade lines, pale, rough and blurred. Fig(s)
	21.6 cm by 27.9 cm (8 1/2 x 11 inches)	1.7	2. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
	All drawing sheets not the same size.		37 CFR 1.84(p)
	Sheet(s)		Numbers and reference characters not plain and legible.
	Drawings sheets not an acceptable size. Fig(s)		Fig(s)
5.	MARGINS. 37 CFR 1.84(g): Acceptable margins:		Figure legends are poor. Fig(s)
•.	arthonio. 27 of te florth. Therepaide marginal		Numbers and reference characters not oriented in the
	Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm		same direction as the view. 37 CFR 1.84(p)(1)
	SIZE: A4 Size		
	Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm		Fig(s) English alphabet not used. 37 CFR 1.84(p)(2)
	SIZE: 8 1/2 x 11		
	Margins not acceptable. Fig(s)		Figs Numbers, letters and reference characters must be at least
	Top (T) Left (L)		
	Right (R) Bottom (B)		32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)
6	VIEWS. 37 CFR 1.84(h)	1.1	Fig(s)
U.	REMINDER: Specification may require revision to	1.2	3. LEAD LINES. 37 CFR 1.84(q)
	correspond to drawing changes.		Lead lines cross each other. Fig(s)
	Partial views. 37 CFR 1.84(h)(2)	1.	Lead lines missing. Fig(s)
	Brackets needed to show figure as one entity.	14	4. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)
			Sheets not numbered consecutively, and in Arabic numerals
	Fig(s) Views not labeled separately or properly.	**	beginning with number 1. Sheet(s)
		13	5. NUMBERING OF VIEWS. 37 CFR 1.84(u)
	Fig(s)		Views not numbered consecutively, and in Arabic numerals,
	Enlarged view not labeled separetely or properly.		beginning with number 1. Fig(s)
	Fig(s)	10	6. CORRECTIONS. 37 CFR 1.84(w)
~	ACCOMPANIES AND ACCOMPANIES AN		Corrections not made from prior PTO-948
7.	SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)		dated
	Hatching not indicated for sectional portions of an object.	17	7. DESIGN DRAWINGS. 37 CFR 1.152
	Fig(s)		Surface shading shown not appropriate. Fig(s)
	Sectional designation should be noted with Arabic or		Solid black shading not used for color contrast.
	Roman numbers. Fig(s)		Fig(s)
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REVIEWER	OBR	date_ <i>[[] [] 26 0 </i> tele	PHONE NO. <u>703308</u> [359
ATTACHMENT TO	O PAPER NO.		

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REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. 1 is changed to Fig 1A, Fig. 1B, Fig. 1C, etc., the specification, at the Brief Description of the Drawing, must likewise be changed. Please make such changes by 37 CFR 1.312 Amendment at the time of submitting

n control and the collection on HOW TO EFFECT DRAWING CHANGES

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E. NRANGEMENT OF VIEWS 37 CFR 184(f)	L. DRAWINGS, 37 (140.) 54(a)); Succeptable Caper a soft-drawings:
1. Correction of Drawings - 37 CFR 1.85	Block ink Color
	Color dawings are not access the color for the color and
to mones the right sale, except for graphs, tigst)	(1) August and marking the death and marking the second
File new drawings with the changes incorporated therein.	Identifying indicia, if provided should include the
title of the invention, inventor's name, and application nu	mber or docket number (if any) if an application
thie diametric interpretation in the control of the	1988. 1870. To be made for page 1881. 1870.
number has not been assigned to the application. If this infe	ormation is provided, it must be placed on the front
of each sheet and centered within the top margin. The d	rawing should be filed as a separate paper with a 🐔
transmittal letter addressed to the Drawing Reveiw Branch	
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	folder of the second se
2. Timing for Corrections	Mylar order gars in a second-old and than
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Applicant is required to submit acceptable corrected dra	wings within the three-month shortened statutory
period set in the Notice of Allowability (PTOL-37).	21.0 cm/ly 10 cm (DIX to 1.)
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Failure to take corrective action within set period will rest	
Figure legends are press Fig(s)	S MARGES TO PR 1,84(g) Acceptable margin-
3. Corrections other than Defects Noted by the Drawin	ig Review Branch on the Form PTO-948
souther direction as the view, 37 CFR 1.84(p)(1)	1) the and contact a sea Report 10 cm. SEAS. A4 Siz.
All changes to the drawings, other than defects noted by the	
the examiner before the application will be allowed. No	
defects, unless the examiner has approved the proposed ch	anges. (1) float 1 qcT
Fig(s)	- Right (R) Bolton (24)
13 LEAD LINES, 37 CFx 1, 34,66 Lead but cress each other. (eg.s)	REMINDER: Specification is a right registron
(c) to Inigain a un prof.	correspond to disaving objects
1 IL NUMBERING OF SHID IN OF DRAMINGS, 37 CFR 1 84(t)	Primar views, 37 CFR 1 840 v
Sheet: not numbered a assentively, and in Arabic numerats	Brackets need it to show ligure its one cubits.
hegic ang with number (Sheeds)	Fig(8)
EUNUMBERING OF VIEWS 37 CER 1847a) Views not numbered consecutively, and in Ambie numerals.	Views not landed seprentity or properly.
beginning with number 1. Fig(s)	Fig(s) Enlarged view not laneled separately at preparity
16. CORRECTIONS, 37 CFR 1 84(w)	Fig(s)
Corrections not made from print P15 248	
dated	PSSECTIONAL VIEWS: 47 CFR 1.84 (F), 3)
17. DESIGN DRAWINGS, 37 CPR 1.152	Hatching no indicated for rectional portrains of an object.
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